



# Minnesota Amateur Radio Technical Society

<http://www.mn-arts.org/>

## August 2015 Edition

### August Meeting Minutes

Chuck Stroud, KA8HDE, called the meeting to order at 1:00 PM. 19 were in attendance.

Introductions were made all around and the question was posed: how many radios do you have?

There was no Treasurers report.

Meeting minutes from June were approved.

It was noted that Wayne Bast had recently died.

The September meeting will be held on 9/12 due to the Labor Day weekend

### **Old Business:**

- No old business

### **New Business:**

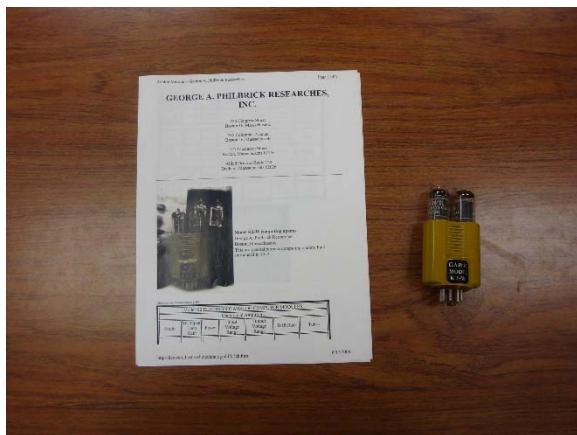
- Russ Ramirez, K0WFS, mentioned that he is making about 30 boards for his 20 meter SDR design and also had some proto boards. This might be a good club project.

### Show & Tell

**Bob Liensenfeld**, WB0POQ, brought in a regenerative receiver that he built. It covers 6 – 15 MHz.



**Leon Dill, W0COE**, brought in A-B USB cables for anyone that might need some. He also brought in a vacuum style op amp which tied in nicely with the main presentation.



**John Faughn, KD0CAC**, brought in a capacitor, inductor and transistor tester.

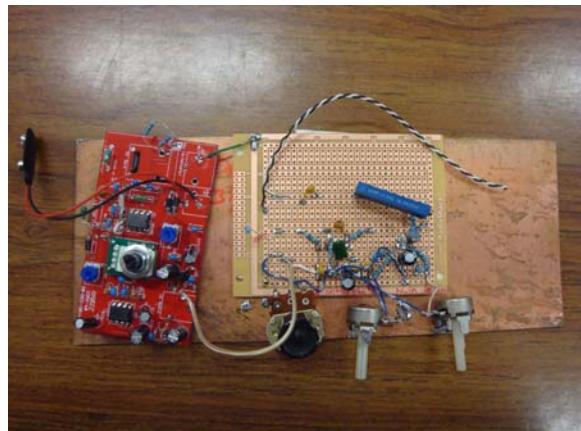


**Bob Shaw, KD0JZN, brought in an old dyna motor for whoever might like it.**



**Gary Meyer, W0DYD, spoke about the MFJ4230 power supply which is available for about \$89. He reports good success with it.**

**John Krawczak, KJ0P, brought in a notch filter he built from the recent article in the August 2015 QST. He has used it with Craig's receiver and his TenTec Rebel with good results.**



### **August Presentation**

**Russ Ramirez, K0WFS, gave us part two on his op amp presentation. Russ described a 650 Hz 4<sup>th</sup> order band pass filter. He also described the circuitry he is working on for his 20 meter SDR. He additionally explained the input circuit and how the I & Q signals are developed.**



Respectfully submitted,  
Steve, NW0C

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**Club Officers:**

President: Chuck Stroud/KA8HDE  
Vice Pres: Russ Ramirez/K0WFS  
Secretary: Steve Ulrich/NW0C  
Treasurer: Paul Bushouse/N0TYE  
At Large: Craig Johnson/AA0ZZ

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